

AMENDMENTS TO THE SPECIFICATION:

Please replace the last full paragraph on page 6 running into page 7 with the following amended paragraph. Specifically, p. 7, l. 1-2 are amended to delete "26" and "28".

A source of pump radiation, e.g. a single-mode or multi-mode laser diode 22, illuminates fiber 12 at a wavelength, typically 915-990nm, within the absorption band 24 of triply ionized ytterbium which occurs from 800 to 1070 nm as illustrated in figure 2. Pumping of the doped multi-component glass populates the ytterbium upper level creating a population inversion. Spontaneous emission catalyzes the stimulated emission of the ytterbium ions in the upper level over a range of 900nm to 1100 nm. The emission peak occurs at a wavelength of approximately 975 nm.

Please replace the last full paragraph on page 10 running into page 22 with the following amended paragraph. Specifically, the first sentence is amended to reference section "B-B" shown in figure 6a.

As shown in perspective in figure 6a and along section B-B in figure 6b, the single mode 1um laser is placed inside a package 50 that provides thermal and vibration isolation. The fiber chain 52 is placed in a mounting fixture 54 having first and second thermally isolated sections 56 and 58 for supporting the narrowband and broadband fiber gratings 14 and 16 respectively. The gain fiber is supported in either the first or second section or in a third isolated section (not shown in this embodiment). Resistive heaters 60 thermistors 61 are mounted on the first and second sections and independently controlled to match the wavelengths of narrowband and broadband gratings.